TheraKair® Visio
Low Air Loss pressure relief with Pulsation Therapy

Manages all extrinsic causes of pressure ulcer development
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Low Air Loss pressure relief with Pulsation Therapy

"The unique combination of pulsation and Low Air Loss improves microcirculation and lymph flow, supporting wound healing and the prevention of pressure ulcers."
Dr. G. M. Cherry, DPhil (OXON)

**Effective pressure ulcer management for Medium to High-risk patients**
- Advanced pressure and shear relief
- Smooth laminate surface reduces frictional drag and shear
- GORE-TEX® Medical Fabric provides the ideal environment for skin's microclimate
- Manages oedema through pulsation therapy
- Silent operation
- Intuitive touch screen

**Indications**
- Prevention and treatment of Pressure Ulcers (Stage I–IV)
- Patients requiring pain management
- Oedema management

**Contraindications**
- Cervical Traction
- Unstable Spinal Cord Injury
Advanced pressure and shear relief

Significantly reduces pressure in comparison to leading alternating pressure systems
Conforms to bony prominences, minimising deformation of body tissue
Allows patient to sink into mattress, evenly distributing pressure
Helps reduce pressure-induced pain
Smooth laminate surface reduces frictional drag and shear

GORE-TEX® Medical Fabric: The ideal material for managing skin’s microclimate

The TheraKair® Visio coversheet and cushions contain GORE-TEX® Medical Fabric proven to deliver “the highest level of attributes for maintaining a favourable microclimate for the skin.”

How does GORE-TEX® Medical Fabric help manage the skin’s microclimate?

- High MVTR to prevent skin maceration
- Waterproof to reduce contamination of mattress
- Bacterial barrier to help prevent infection

Moisture Vapour Transmission Rate (MVTR)

Air flows through GORE-TEX® Medical Fabric, at a controlled rate, removing excess moisture and maintaining a constant skin temperature, whilst preventing bacterial contamination.

*There is good evidence to suggest that Low Air Loss beds improve healing rates.*

“Overhydration, overheating and mechanical abrasion act together to accelerate skin breakdown.”

* Data available on file
Manages oedema through Pulsation Therapy\textsuperscript{3,4}

\textbf{How pulsation works}

Pulsating air suspension therapy uses small pockets of air, individually inflated and deflated to cause a pulsation. The pulsation wave runs from the foot to the head of the mattress.

\textbf{Clinical benefits}

- Improves blood flow
  - Pulsation improves capillary blood flow, increasing oxygenation to the wound and skin

- Encourages lymph flow\textsuperscript{5}
  - Lymphatics have little contraction ability in their own right and rely on movement to stimulate lymph flow
  - Pulsation Therapy mimics the body’s natural intermittent movements stimulating lymphatic flow

- Reduction in oedema increases blood flow and reduces pain

\textsuperscript{3} Dabney R Yarbrough et al, Therapeutic and financial outcomes using a pulsating Low-Air-Loss surface for patients surviving posterior burns, Ostomy/Wound Management March 2000;46(3):64-69


\textsuperscript{5} Gunther and Brofeldt, Increased lymphatic flow effect of a pulsating air suspension bed system, Wounds, 1996;8(6) (341-46)
NEW: Intuitive touch screen

Patient comfort and safety

- **Silent operation**
  Increases patient and staff comfort

- **Patient warmer**
  Warmed air passing through GORE-TEX® Medical Fabric increases patient comfort

- **Instaflate**
  Inflates mattress to its maximum firmness for ease of patient placement and care

- **Specifications**

  **Mattress**
  - Dimensions: 208 x 90 x 20.3 cm
  - Weight: 13.2 kg

  **Therapy Unit**
  - Dimensions: 41.2 x 26.4 x 21 cm
  - Weight: 6.3 kg

- **CPR Quick release**
  One quick movement evacuates air from the mattress in 10 seconds maximum

- **Patient weight**
  Suitable for patients weighing up to 135 kg

- **Cleaning instructions**
  Wipe coversheet and screen with water and mild detergent on daily basis